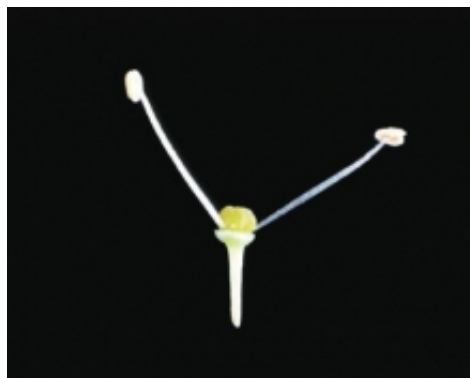




## Teleki 5 C



### Name of vine variety in France (and common name)

Teleki 5 C (5 C)

### Breeder and year of obtention

Alexandre Teleki and Heinrich Birk, 1896

### Genetic origin

This variety is derived from the crossbreeding of *Vitis berlandieri* and *Vitis riparia* from Europe.

### Evolution of areas under rootstock nurseries

	1945	1965	1975	1985	1995	2005	2015
ha	0.2	9	41	44	13	16	12

### Estimated surface area of French vineyards grafted with this rootstock and the

900 ha. Alsace, Bourgogne, Franche-Comté

### Ampelographic description

Identification signs include:

- the tip of the young shoot is half opened to closed, green, with a moderate coat of flat-lying hairs,
- the young leaves are green,
- vigorous shoots, elongated, dull green with a jagged contour, a slightly elliptical section with a sparse to moderate coat of upright hairs on the veins,
- bifid or trifid tendrils, sometimes ending with an embryonic flower bud,
- adult leaves are large, wedge-shaped, upturned with a U or open V-shaped petiolar sinus, teeth with straight sides, mucronate, green veins and the underside with a sparse to moderate coat of upright hairs, particularly on the vein fork.
- male flowers,
- purplish brown vine shoots.

### Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	143	234	231	238	200	252	238	214	259

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 2	147	263	264	246	210	260	246	251	259

## Resistance to soil parasites

5 C displays good degree of tolerance to phylloxera radicole. It is also very resistant to Meloidogyne incognita nematodes.

## Adapt to environment

5 C resists up to 35% of total limestone and 20% of active limestone. Its resistance to ferric chlorosis can be considered as medium to good.

## Interaction with grafts and production objectives

5 C displays substantial vigor with grafts without delaying maturity. Quality results are achieved particularly with Riesling B.

## Aptitudes for plant propagation

This rootstock is a good wood producer (40 000 to 90 000 m/ha) and has good capacity for propagation by cuttings and grafting. Its internodes are long, moderate diameter with limited growth of lateral shoots.

## Resistance to aerial parasites

Low to medium susceptibility to phylloxera gallicole and high resistance to downy mildew.

## Clonal selection in France

The 2 approved 5 C clones carry the numbers 68 and 236.



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